

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 14. (Canceled)

15. (Previously presented) A system for updating an extensible markup language (XML) test result file, comprising:

an application program that includes application testing instructions, the application testing instructions being capable of generating test result data;

5 an XML reporter object in communication with the application program, wherein the XML reporter object receives the test result data from the application program, and wherein the XML reporter object processes the test result data to generate an XML based string; and

an XML test results file accessible by the XML reporter object, wherein the XML reporter object inserts the XML based string into the XML test results file.

16. (Previously presented) The system of claim 15, wherein the XML test results file is a well formed and valid XML file based on a particular document type definition (DTD).

17. (Previously presented) The system of claim 15, wherein the XML reporter object further receives a key parameter related to the test result data from the application program.

18. (Previously presented) The system of claim 17, wherein the XML reporter object includes a test results hash table for storing key parameters related to the test results file.

19. (Previously presented) The system of claim 18, wherein the XML reporter object includes a file pointer tree having a plurality of nodes, each node referenced by a node pointer in the test results hash table.

20. (Previously presented) The system of claim 19, wherein each node stores a begin value and an end value related to a particular key, wherein the begin value indicates a file position after a corresponding beginning tag related to the particular key, and wherein the end value corresponds to a file position after a corresponding ending tag related to the particular key.

21. (Currently amended) A system for updating an extensible markup language (XML) test result file, comprising:

~~The system of claim 15, wherein:~~

5 an application program that includes application testing instructions, the application testing instructions being capable of generating test result data, the test result data includes including a key parameter and a value parameter, wherein the key parameter relates to a tag;

10 an XML reporter object in communication with the application program, wherein the XML reporter object receives the test result data from the application program, and wherein the XML reporter object processes the test result data to generate an XML based string, the XML based string includes including a first beginning tag and a first ending tag based on the key parameter, and wherein the first XML based string includes the value parameter positioned between the first beginning tag and the first ending tag; and

15 an XML test results file accessible by the XML reporter object, wherein the XML reporter object inserts the XML based string into the XML test results file, the XML test results file has having a second beginning tag and a second ending tag, the first XML based string being inserted between the second beginning tag and [[a]] the second ending tag.

22. (Previously presented) The system of claim 21, wherein the first beginning tag and the first ending tag are based on a document type definition (DTD).

23. (Previously presented) The system of 21, wherein the XML reporter object is configured to create a test results hash table that stores key parameters related to the test results file.

24. (Previously presented) The system of claim 23, wherein the XML reporter object is further configured to generate a file pointer tree having a plurality of nodes, each node referenced by a node pointer in the test results hash table.

25. (Previously presented) The system of claim 24, wherein each node stores a begin value and an end value related to a particular key.

26. (Previously presented) The system of claim 25, wherein the begin value indicates a file position after a corresponding beginning tag related to the particular key, and wherein the end value corresponds to a file position after a corresponding ending tag related to the particular key.

27. (Currently amended) The system of claim 25, wherein the begin value and the end value facilitate inserting the first XML based string into the second string between the second beginning tag and the second ending tag.

28. (Previously presented) The system of claim 21, wherein the XML test results file is a well formed and valid XML file based on a particular document type definition (DTD).

29. (Previously presented) The system of claim 21, wherein the XML reporter object further receives a key parameter related to the test result data from the application program.

30. (Previously presented) The system of claim 29, wherein the XML reporter object includes a test results hash table for storing key parameters related to the test results file.

31. (Previously presented) The system of claim 30, wherein the XML reporter object includes a file pointer tree having a plurality of nodes, each node referenced by a node pointer in the test results hash table.

32. (Previously presented) The system of claim 31, wherein each node stores a begin value and an end value related to a particular key, wherein the begin value indicates a file position after a corresponding beginning tag related to the particular key, and wherein the end value corresponds to a file position after a corresponding ending tag related to the particular key.